

a ring-shaped trick mirror disposed at one end of the cylindrical straight slab;

b<sup>1</sup> Cont'd  
an output mirror disposed at the center of the one end of the cylindrical straight slab to receive light generated by said electrodes, wherein said output mirror is configured to pass a part of the light and to reflect a part of the remaining light; and

a w-axicon mirror disposed at the other end of the cylindrical straight slab, the straight slab being configured to operably maintain the gap between the electrodes without the need for spacers disposed between the electrodes.

2. (Amended) A cylindrical straight slab type gas laser of claim 1, wherein the two cylindrical electrodes are made from ferromagnetic material that is magnetized to form two or more cylindrical permanent magnetic poles, and the two cylindrical electrodes are so that the inner and outer cylindrical permanent magnets repel to one another.

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b<sup>2</sup>  
4. (Twice amended) A cylindrical straight slab type gas laser of claim 1, wherein the output laser beam is applied to cutting machines.

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b<sup>3</sup>  
6. (Amended) A cylindrical straight slab type gas laser of claim 5, wherein the output laser beam is applied to cutting machines.

3  
b3  
Contd

7. (Amended) A cylindrical straight slab type gas laser of claim 2, wherein the output laser beam is applied to cutting machines .

8. (Amended) A cylindrical straight slab type gas laser of claim 3, wherein the output laser beam is applied to cutting machines.

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Please add new claims 9 and 10 as follows:

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9. A cylindrical straight slab type gas laser comprising:  
a pair of cylindrical electrodes of different diameter disposed vertically and concentrically defining a gap between the cylindrical electrodes filled with laser medium to define a cylindrical straight slab;

a  
b

a ring-shaped trick mirror disposed at one end of the cylindrical straight slab;

an output mirror disposed at the center of the one end of the cylindrical straight slab to receive light generated by said electrodes, wherein said output mirror is configured to pass a part of the light and to reflect a part of the remaining light; and

a w-axicon mirror disposed at the other end of the cylindrical straight slab, the straight slab being configured to provide a sufficiently constant gap between the electrodes without the need for a spacer disposed between the electrodes and between the w-axicon and output mirrors.